

FIG. - 1A

1 CCAACGGTC CGCATAATC ACCACGGGC CGGAGAACCC CGGAATCTCGT GCGCCCACAA ATAACACGA CGATGCCGA TCTACTTTAA GGGCTGAAAC
 GGTGCGCAG GCGTATTAG TCGTGCACG GCCTTGGG CGGTAGAGA CGGGGGTGT TTATGGCT GCTACGGCT AGATGAATT CCCGACTTTG
 101 CACGGGCTT GAGAGACTAT AGAGCGTTC CCTACCGCA TGGAACAAACG GGGACAGAAC GCCCCGGCC CTTGGAAAAGG CACGCCAG
 GTGCCCGGA CTCTCTGATA TTCTCGCAAG GGATGGGGT ACCTTGTTGC CCCTGTCTTG CGGGCGGC GAAGCCCCG GGGCTTTCC GTGCCGGTC
 1 MetGluGlnAr gGlyGlnAsn AlaProAlaA laSerGlyAl aArgLysArg HisGlyProGly

201 GACCCAGGGA GGGGGGAA CCCAGGGCTG GGCTCGGGGT CCCAACAGACC CTTGTGCTCG TTGTTGCTG GGTCTCTGCTG TTGGTCTOAG CTGAGTCTG
 CTGGTCCCT CGGGCCCT CGGTCCGGAC CCGAGGCCA GGGGTTCTGG GAACACGAGC AACAGGGCG CCAGGACGAC AACCAGAGTC GACTCAGACG
 22 ProArg1 uAlaArgGly AlaArgPro lYLeuArgVa 1 ProLySthr LeuValSerA alvalAlaAl availLeuLeu alGluSerAla

301 TCTGATCACCC AACAAAGACC TAGCTCCCA GCAGAGAGCG GCCCCACAAAC AAAAGAGGTC CAGCCCTCA GAGGGATTGT GTCCACCTGG ACACCATATC
 AGACTAGTGG GTTGTCTGG ATCGAGGGT CGTCTCTGC CGGGGGTGT TTTTCTCCAG GTCTGGGAGT CTCCCTAAACA CAGGTGGACC TGTGGTAG
 55 LeuIleThr GlnglnAsPL euAlaProG1 nGlnArgAla AlaProGlnG InLysArgSe rSerProSer GluGlyLeuc ysProProG1 yHisHisIle

401 TCAGAAAGCG GTAGAGATTG CATCTCCTGC AAATATGGAC AGGACTATAG CACTACTGG AATGACCTCC TTGTTCTGCTT GCGCTGCACC AGGTGTGATT
 AGTCTCTGC CATCTCAAC GTAGAGGCC TTCTATACCTG TCCTGATATC GTGAGTGACC TTACTGGGG AAAAGACGAA CGCGACGTGG TCCACACTAA

88 SerGluAspG lyArgAspCY sIleSerCys LysTyrGlyG InAspTyrSe rThrHisTrp AsnAspLeuL eupheCysLe wArgCysThr ArgCysAspSer

501 CAGGTGAAGT CGAGCTTAAGT CCCTGCACCA CGAACAGAAA CACAGTGTGT CAGTGCAGG AAGGCACCTT CCGGAAGAA GATTCTCTG AGATGTGCCG
 GTCCACTTCA CCTCGATTCA GGGACGTTG GCTGGTCTTT GTGTACACACA GTCACGCTTC TTCCGTGGAA GGCCCTTCTT CTAAGAGGAC TCTACACGGC

122 GlyGluVa 1GluLeuSer ProCysThr hrThrArgAs nThrValCys GlnCysGluG luGlyThrPh eArgGluGlu AspSerProG luMetCysArg

601 GAAGTGGCCG ACAGGGAT GGTCAAGGTC CCAGGGAT GGTCAAGGTC CGGTGATTGTA CACCTGGAG TGACATGAA TGTGTCACAA AAGAATCAGG CATCATCATA
 CTTCACGGCG TGTCCCACAG GGTCCTCCCA CCAGCTCCAG CCACTAACAT GTGGGACCTC ACTGTAGCTT ACACAGGTGT TTCTTAGTCC GTACTAGTAT

155 LysCysArg ThrglycysP roArgGlyMe tvallysVal GlyAspCyst hrProTrpSe rAspIleGlu CysValHisL ysGluSerG1 yIleIleIle

701 GGAGTCACAG TTGCAAGCGT AGTCTTGATT GTGGCTGTGT TTGTTGCAA GTCTTACTG TGAAGAAAG TCCTCCCTTA CCTGAAAGGC ATCTGCTCAG
 CCTCACTGTC AACGTGGCA TCAAGAACTAA CACCGACACA AACAAACGTT CAGAAATGAC ACCTTCTTC AGGAAGGAAT GGACTTTCCG TAGACGAGTC

188 GlyValThrV alAlaAlaVa IValLeuIle ValAlaValP heValCysL sSerLeuLeu TriPlysLysV alLeuProTy rLeuLysGly IleCysSerGly

801 GTGGTGGTGG GGACCCCTGAG CGTGTGGACA GAAGCTCACA AGCACCTGGG GCTGAGGACA ATGTCCTCAA TGAGATCGTG AGTATCTTGC AGCCACCCA
 CACCAACCAC CCTGGGACTC GCACACCTGT CTTGAGTGT TACAGGAGTT ACTCTAGCAC TCATAGAAG TCAGGTGGGT

222 GlyGlyG1 yAspProGlu ArgValAspA rgSerSerG1 nArgProGly AlaGluAspA nArgSerSerG1 nArgProGly AlaGluAspA snValLeuAs nGluIleVal SerIleLeuG InProThrGln

901 GGTCCCTGAG CAGGAATGG AAGTCCAGGA GCCAGCAGAG CCAACAGGTG TCAACATGTT GTCCCCGGG GAGTCAGAGC ATCTGCTGGA ACCGGAGAA
 CCAGGGACTC GTCCTTACCT TTCAAGGTCCT CGGTCTCTC GGTGTCCAC AGTTGTACAA CAGGGGGCCC CTCAGTCTCG TAGACGACCT TGGCCGTCTT
 255 Val1ProGlu GlnGluMetGluValGln1 uProAlaGlu ProThrGlyV alAspMetLe uSerProGly GluSerGluH isLeuLeuI uProAlaGlu
 1001 GCTGAAAGGT CTCAGAGGAG GAGGTGCTG GTTCCAGCAA ATGAAAGGTGA TCCCAGGTAG ACTCTGAGAC AGTGCTCGA TGACTTTGCA GACTTGGTGC
 CGACTTCCA GAGTCTCTC CTCCGACGAC CAAGGTGTT TACTTCCACT AGGGTACTC TGAGACTCTG TCACGAAAGCT ACTGAAACGT CTGAAACCACG
 288 AlaGluArgS erGlnArgAr gArgLeuLeu ValProAlaAa snglGlyAs pProAlaAa ValProAlaAa snglGlyAs pProThrGlu ThrLeuArgG InCysPheAs paspPheAla AspLeuValPro
 1401 CCTTTGACTC CTGGGAGCCG CTCATGAGGA AGTTGGCCT CATGGACAAT GAGATAAGG TGGCTAAAGC TGAGGAGCC GGCCACAGGG ACACCTTGTAA
 GGAAAAGTGA GACCCTGGG GAGTACTCCT TCAACCCGGG GTACCTGTTA CTCTATTCC ACCGATTTCG ACTCCGTCGC CCGGTGTCCT GGTGAAACAT
 322 PheAspSe rTrpGluPro LeuMetArgLysLeuGlyLe uMetAspAsn GluIleLysV alAlaLysAl aGluAlaAla GlyHisArgA spThrLeuFyr
 1201 CACCATGCTG ATAAAGTGGG TCAACAAAC CGGGGAGAT GCCTCTGTC ACACCCGTG GGTATGCCCTTG GAGACGCTGG GAGAGAGACT TGCCAAAGCAG
 GTGCTACGAC TATTTCACCC AGTGTGTTTG GCCCCTCTA CGGAGACAGG TGTGGGACGA CCTACGGAAC CTCTCTCTGAA ACGGTTGTCCTC
 355 ThrMetLeu IleLysTrpV alAsnLysTh rGlyArgAsp AlaSerValH isthrLeuI uAspAlaLeu GluThrLeuG lyGluIargLle uAlaLysGln
 1301 AAGATTGAGG ACCACTTGT GAGGTCTGGA AAGTTCATGTT ATCTAGAAGG TAATGAGAC TCTGCCWTGT CCTAAAGTGT ATTCTCTTCA GGAAGTGTGAGA
 TTCTAACTCC TGGTGAACAA CTCGAGACCT TTCAAGTACA TAGATCTTCC ATTACGTCG AGACGGAAAC GGATTACAC TAAGAGAACT CCTTCACCTCT
 388 LysIleGluA sPhisLeuLe uSerSerGly LysPheMetT yrLeuGluGlu1 yasnAlaAsp SerAlaXaaS eroC*
 1401 CCTTCCCTGG TTACCTTT TTCTGGAAA AGCCAAACTG GACTCCAGTC AGTAGGAAAG TGCCACAAATT GTCACATGAC CGGTACTGGA AGAAACTCTC
 GGAAGGGACC AAATGGAAA AAGGACCTTT TCGGGTTGAC CTGAGGTCAACG TCATCCCTTC ACGGTGTTAA CAGTGTACTG GCATGACCT TCTTTGAGAG
 1501 CCATCCAACA TCACCCACTG GATGGAACAT CCTGTAACCT TTCACTGCACT TTGGCATTAT TTTATAAGC TGAATGTGAT AATAAGGACA CTATGAAAT
 GGTAGGTTGT AGTGGGTAC CTACCTGTA GGACATTGAA AACCGTAATA AAAATATTG ACTTACACTA TTATTCCTGT GATACTTTA
 1601 GTCTGGATCA TTCCGGTTGT GCGTACTTTG AGATTGTTT TGGATGTCA TTGTTTCAC AGCACTTTT TATCCTAATG TAAATGCTT ATTATTAT
 CAGACCTAGT AAGGCAAAAC CGCATGAAAC TCTAAACAA ACCCTACAGT AACAAAGTG TCGTGAAGAAATAGGATTAC ATTACGAAAA TAAATAAATA
 1701 TTGGGCTACA TTGTAAGATC CATCTACAA AAAAAGGGGGGGGGG ACTCTAGAGT CGACCTGAG AAGCTTGGCC GCCATGGCC
 AACCGATGT AACATTCTAG GTAGATGTTT TTTTTTTTTT CCGGGGGGGG TGAGATCTCA GCTGGACGTC CGGTACCGG

FIG. - 1B

1 MEQRGQNAPAASGARKRHRGGPREGARPGRLVPEKTLVLYAAVLLYSAESALITQQD
 61 LAPQQRAAPQQQRSSSPSEGGLCPGPHHISEDGRDCISCKYQQDYSTHWNDLILFCLRCTRCD
 121 SGEVELSPCTTITRNTVQCEEGTFREEDSPEMCRKCRITGCPRGMVKVGDCTPWSDIECVH
 181 KESGIIGVTAAVVLIVAVFVCKSSLWKKVLPYLKGICSGGGDPERVDRSSQRPGAEQ
 241 NVLNENITVSILQOPTQVPEQEMEVQEPAAEPTGVNMLSPGESEHLEPAEAERSQRRLVPA
 301 NEGDPTETLRQCFFDDADLVPPFDSEPLMRKLGLMDNEIKVAKAEAAGHRDTLYTMLIKW
 361 VNKTGRDASVHTLDALETLGERLAQKIEDHLLSSGKFMTLEGNAADSALS

FIG.-2A

Apo2	F A D I V P F D S W E P I L M R K L G L M D N E I K V A K A A - G H R D T E
DRA4	F A N I V P F D S W D Q I L M R Q I D I T K N E I D V V R A G T A - C P G D A I
APO3 / DR3	V M D A V P A R R W K E F V R T L G L R E A E I T E A V E V E I G R - - F R D Q Q
TNFR1	V V E N V P P L R W K E F V R R L G L S D H E I D R V E L Q N G R - C L R E A Q
Fas / Apo1	I A G V W M T I S Q V K G E V R K N G V N E A K I D E I K N D N V Q D T A E Q K V
Apo2	Y T M L I K W V N K T G R D - A S V H T L L D A L E T L G E R L A K Q K I E D
DRA4	Y A M I M K W V N K T G R N - A S I H T L I D A L E R M E E R H A K E K I Q D
APO3 / DR3	Y E M I L K R W R Q Q Q P - - A G L G A V Y A A L E R M G L D G C V E D L R S
TNFR1	Y S M I L A T W R R R T P R R E A T L E L L G R V L R D M D L L G C L E D T E E
Fas / Apo1	- Q I L I R N W H Q L H G K K E A Y - D T L I K D I K K A N L I C T I A E K I Q T

FIG.-2B

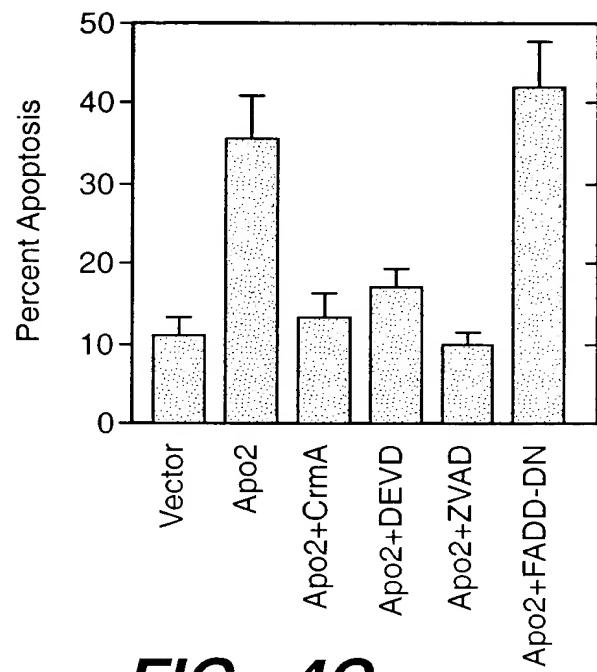


FIG._ 4C

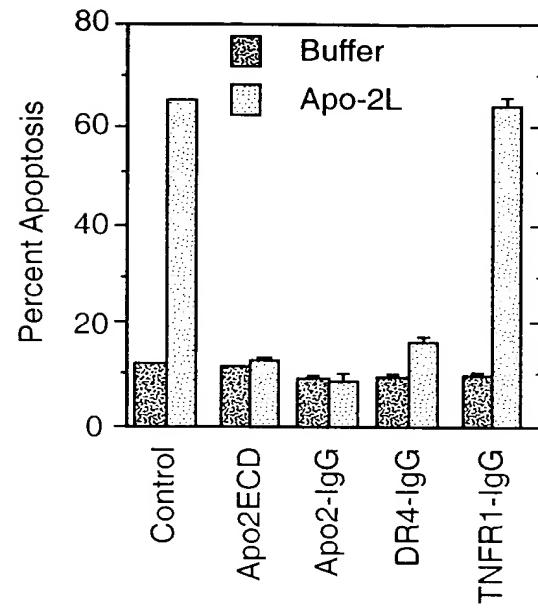


FIG._ 4D

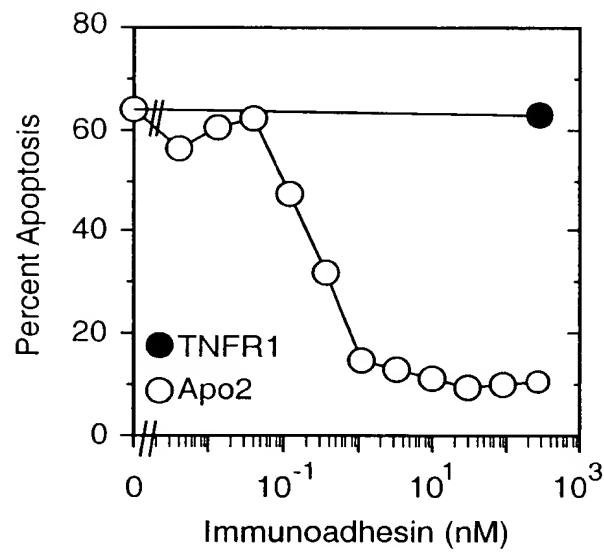


FIG._ 4E

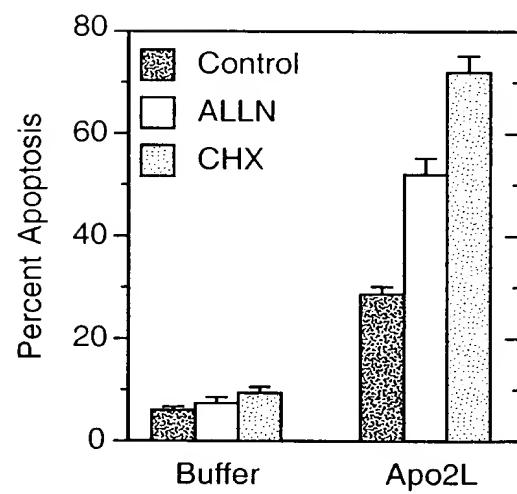


FIG._ 5C

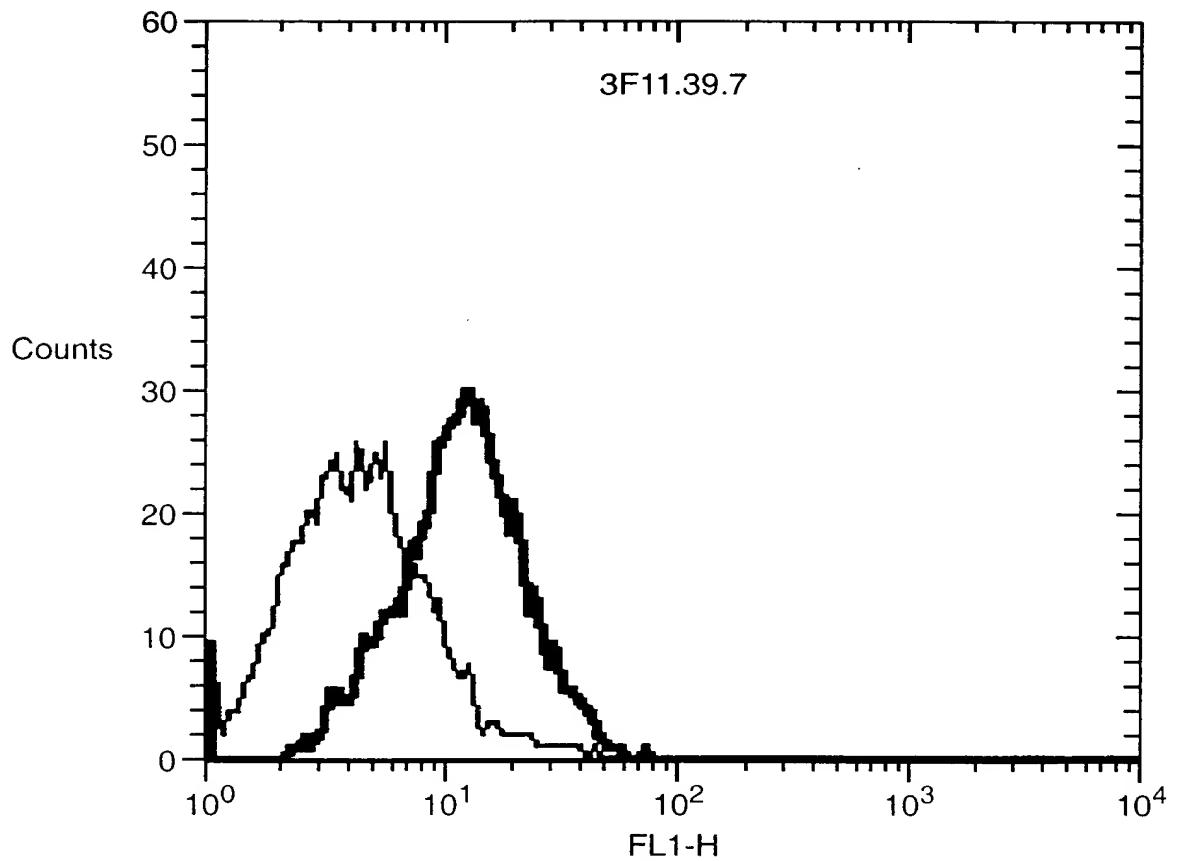
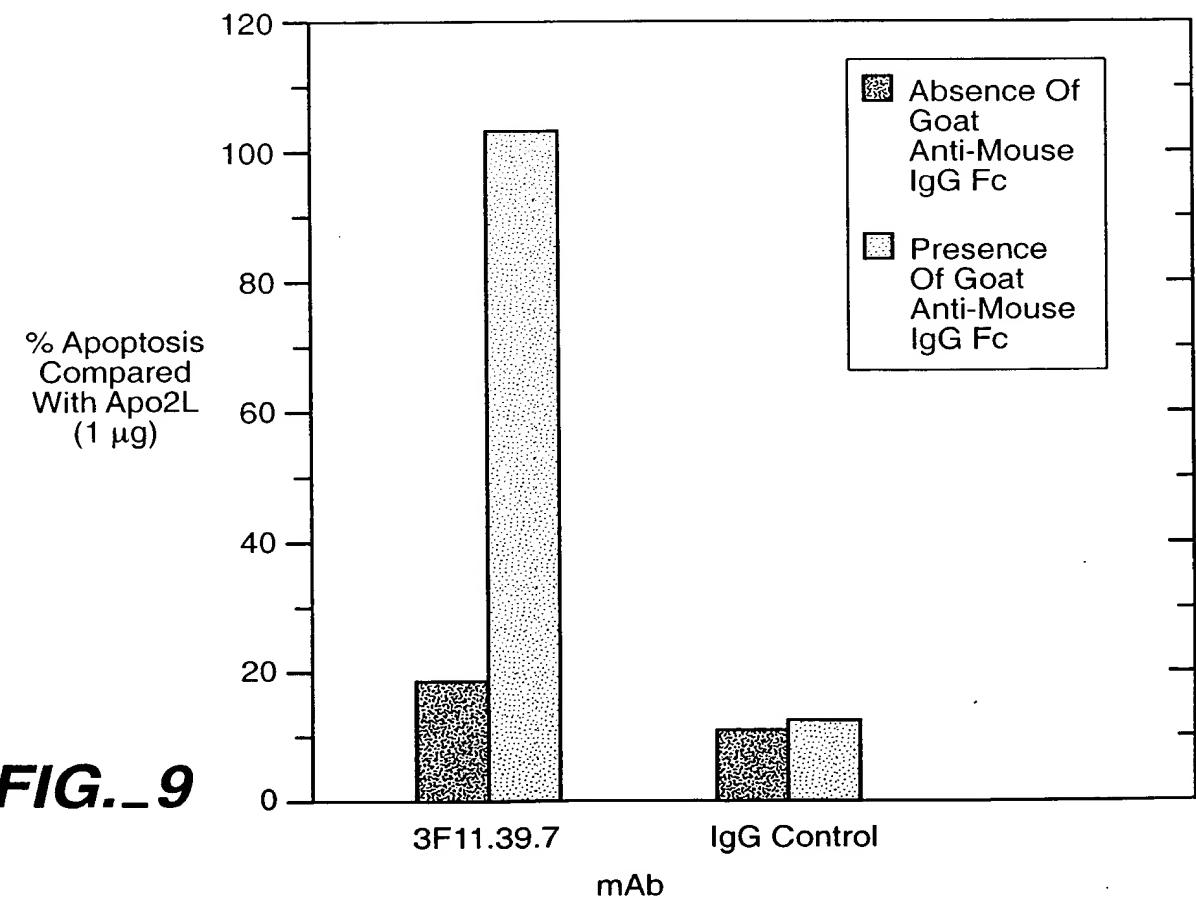
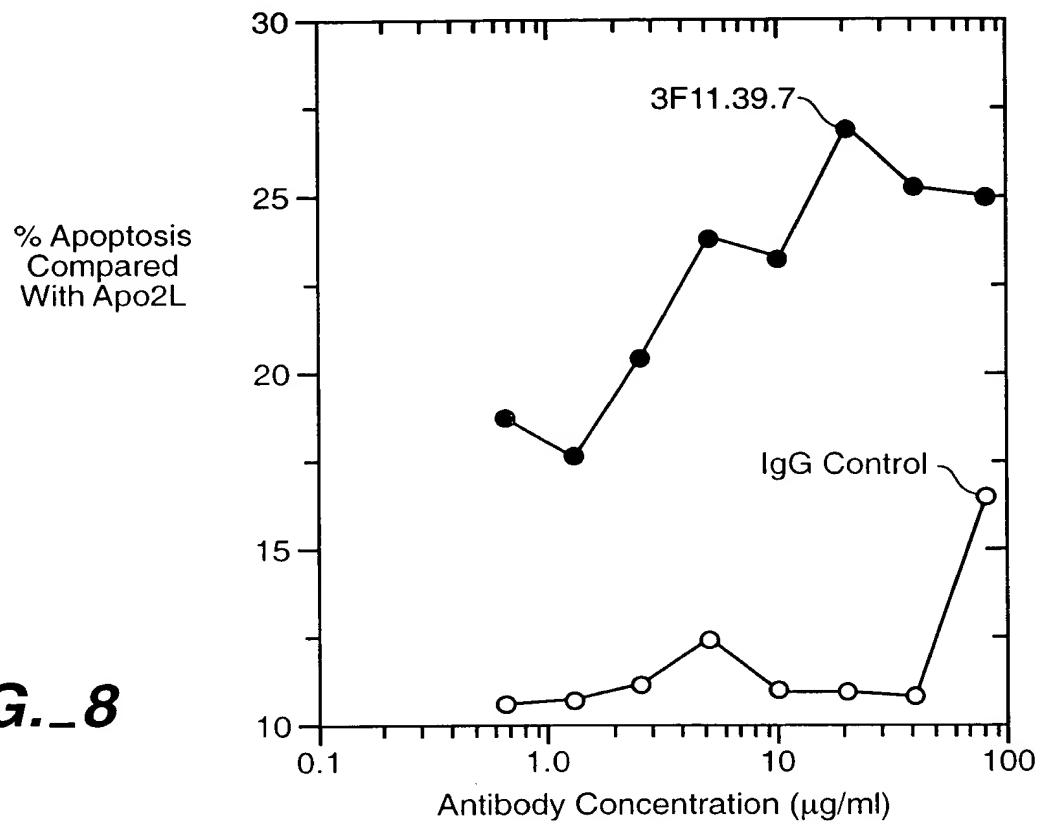
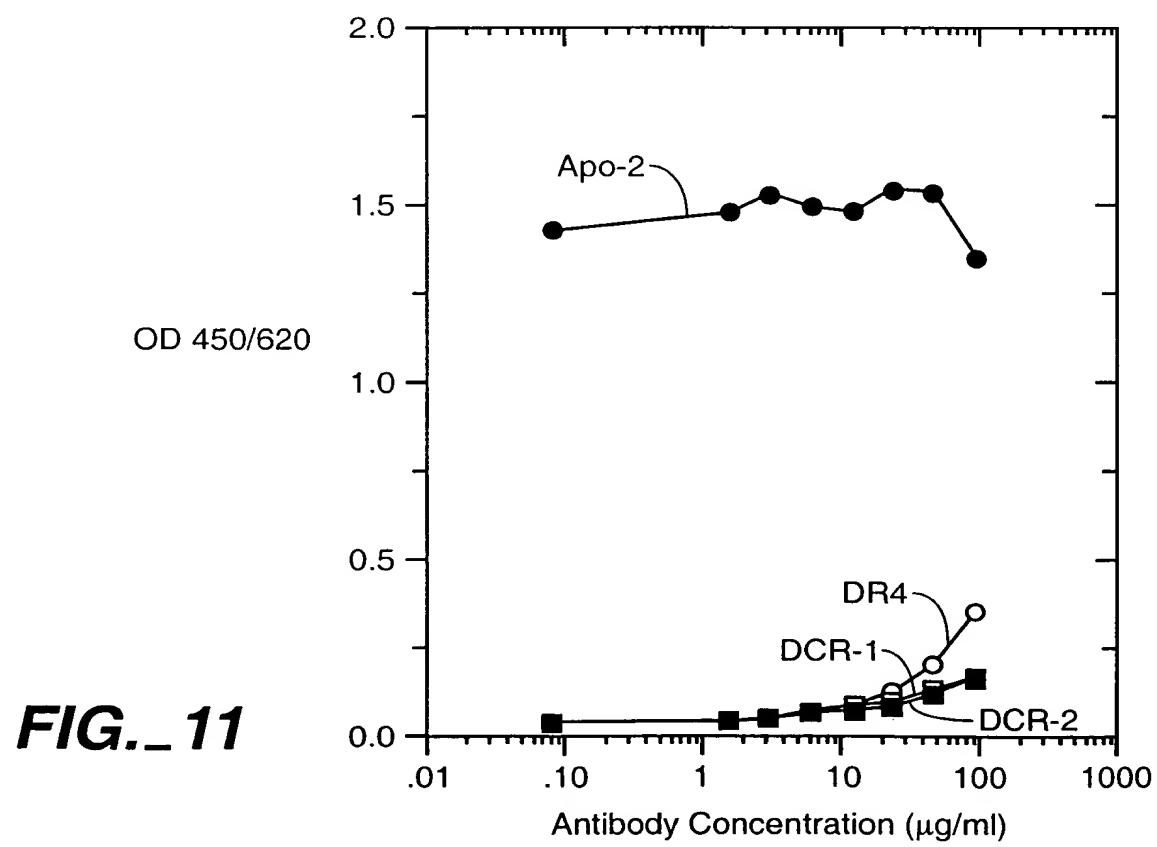
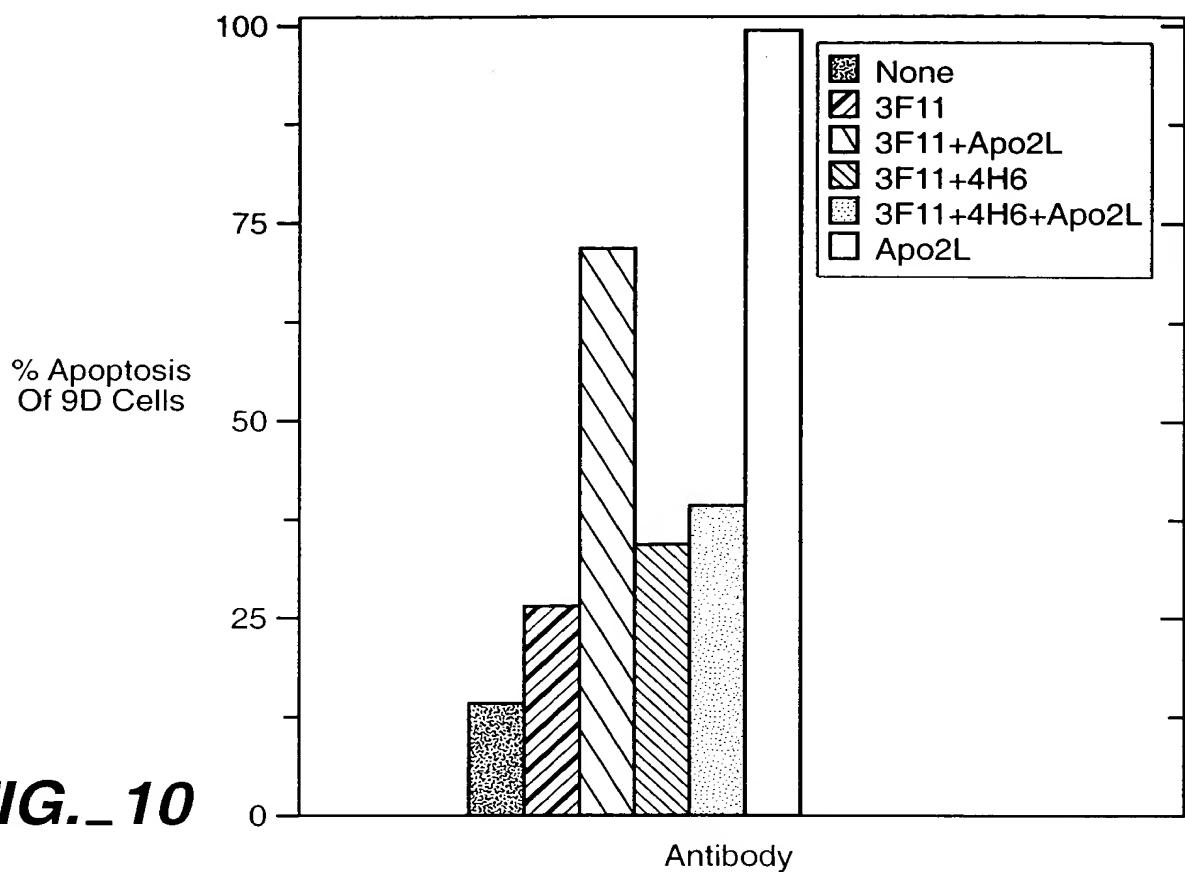


FIG._7







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IMIS _____
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LET. _____
Misc. Incoming Letter

371P _____
PCT Papers in a 371 Application

A... _____
Amendment Including Elections

ABST _____
Abstract

ADS _____
Application Data Sheet

AF/D _____
Affidavit or Exhibit Received

APPENDIX _____
Appendix

ARTIFACT _____
Artifact

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Bib Data Sheet

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Claim

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Computer Program Listing

CRFL _____
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DIST _____
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Foreign Reference

FRPR _____
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IDS _____
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NFDR _____
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NOA _____
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PETDEC _____
Petition Decision

OUTGOING

CTMS _____
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1449 _____
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892 _____
892

ABN _____
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APDEC _____
Board of Appeals Decision

APEA _____
Examiner Answer

CTAV _____
Count Advisory Action

CTEQ _____
Count Ex parte Quayle

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Count Final Rejection

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AP.B _____
Appeal Brief

C.AD _____
Change of Address

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Notice of Appeal

PA.. _____
Change in Power of Attorney

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Applicant Remarks in Amendment

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File Wrapper

FWCLM _____
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